

**WEST****Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: JP 02142859 A

L1: Entry 1 of 2

File: JPAB

May 31, 1990

PUB-NO: JP402142859A

DOCUMENT-IDENTIFIER: JP 02142859 A

TITLE: INORGANIC COATING MATERIAL

PUBN-DATE: May 31, 1990

## INVENTOR-INFORMATION:

NAME

COUNTRY

YAMADA, KAZUYA

ASANO, TOSHIO

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

KK O K FURITSUTO SERVICE

APPL-NO: JP63296919

APPL-DATE: November 24, 1988

US-CL-CURRENT: 106/626

INT-CL (IPC): C09D 1/00; C09D 1/00; C09D 1/02

## ABSTRACT:

PURPOSE: To obtain an inorganic coating material excellent in weathering resistance, water resistance, heat resistance, chemical resistance, etc., by mixing a phosphate condensate with a specified filler, a specified binder, a specified cure accelerator and a pH modifier and grinding the mixture to form a slurry of a pH in a specified range.

CONSTITUTION: 2-28 pts.wt. phosphate condensate (A) such as calcium prim. phosphate, aluminum prim. phosphate or zinc prim. phosphate is mixed with 8-57 pts.wt. filler (B) such as kaolin, silica, sericite, bentonite, talc or the like, 70-100 pts.wt. binder (C) based on lithium silicate, 10-30 pts.wt. cure accelerator (D) such as sodium silicate and a pH modifier (E) such as alumina sol, and the mixture is ground with, e.g., a ball mill to obtain a slurry of a pH in a range of 7.0-11.0. An inorganic coating material which is excellent in acid resistance, alkali resistance, water resistance, heat resistance, weathering resistance workability, etc., and can form a smooth ceramic coating surface of a high hardness can be obtained.

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Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
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☐ 2. Document ID: JP 02142859 A

L1: Entry 2 of 2

File: DWPI

May 31, 1990

DERWENT-ACC-NO: 1990-213249  
DERWENT-WEEK: 199028  
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TITLE: Inorganic paint with good resistance to water, heat, etc. - is obtd. by mixing phosphate(s), filler, lithium silicate binder, curing accelerator and pH regulator and grinding to paste

## PATENT-ASSIGNEE:

ASSIGNEE

CODE

OK FLIT SERVICE KK

OKFLN

PRIORITY-DATA: 1988JP-0296919 (November 24, 1988)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 02142859 A	May 31, 1990		000	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 02142859A	November 24, 1988	1988JP-0296919	

INT-CL (IPC): C09D 1/00

ABSTRACTED-PUB-NO: JP 02142859A

## BASIC-ABSTRACT:

Inorganic paint is obtd. by mixing 2-28 pts. wt. of phosphates such as calcium phosphate, aluminium phosphate and zinc phosphate; 8-58 pts. wt. of filler such as kaolin, silica, sericite, pentnite and talc; 70-100 pts. wt. of binder mainly contg. lithium silicate; 10-30 pts.wt. of curing accelerator such as sodium silicate; and a pH regulator such as alumina sol; and grinding the mixt. with a ball mill, etc., producing a paste of pH 7.0-11.0.

The inorganic paint is used for coating inflammable construction material, having good resistance to weather (for 3000 hrs., pencil hardness 9H), water (for 30 days), heat (bearable with boiling for 4 hrs. x 2 cycles) and chemicals (bearable with 5% H2SO4 soln. for 24 hrs. or with 5% NaOH soln. for 24 hrs.). It also has good workability and provides smooth and hard ceramic film, producing neither mould nor poisonous gas.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: INORGANIC PAINT RESISTANCE WATER HEAT OBTAIN MIX PHOSPHATE FILL LITHIUM SILICATE BIND CURE ACCELERATE PH REGULATE GRIND PASTE

DERWENT-CLASS: G02 L02

CPI-CODES: G02-A01; G02-A05D; G02-A05E; L02-D15A;

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1990-092182

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMK
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**Search Results - Record(s) 1 through 2 of 2 returned.**☐ 1. Document ID: DE 4405864 A1

L2: Entry 1 of 2

File: EPAB

Aug 24, 1995

PUB-NO: DE004405864A1

DOCUMENT-IDENTIFIER: DE 4405864 A1

TITLE: Solid lubricant based on hexagonal boron nitride powder useful at high temp.

PUBN-DATE: August 24, 1995

## INVENTOR-INFORMATION:

NAME

COUNTRY

MATJE, PETER DR

DE

RECK, FRANZ

DE

ROEHLINGER, HANS-UWE

DE

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

KEMPTEN ELEKTROSCHEMELZ GMBH

DE

APPL-NO: DE04405864

APPL-DATE: February 23, 1994

PRIORITY-DATA: DE04405864A (February 23, 1994)

INT-CL (IPC): C10 M 103/00; C01 B 21/064

EUR-CL (EPC): C10M103/00; C10M125/20

## ABSTRACT:

Solid lubricant for high temp. screw, flanged and plug connections contains hexagonal BN powder and usual additives.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 2. Document ID: DE 4405864 A1

L2: Entry 2 of 2

File: DWPI

Aug 24, 1995

DERWENT-ACC-NO: 1995-293903

DERWENT-WEEK: 199539

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TITLE: Solid lubricant based on hexagonal boron nitride powder useful at high temp.  
- for screw, flanged and plug connections, e.g. spark plug, lambda probe or cylinder-head gasket

INVENTOR: MATJE, P; RECK, F ; ROEHLINGER, H

PATENT-ASSIGNEE:

ASSIGNEE  
ELEKTROSCHMELZWERK KEMPTEN GMBH

CODE  
ELEZ

PRIORITY-DATA: 1994DE-4405864 (February 23, 1994)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 4405864 A1	August 24, 1995		003	C10M103/00

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DE 4405864A1	February 23, 1994	1994DE-4405864	

INT-CL (IPC): C01 B 21/064; C10 M 103/00

ABSTRACTED-PUB-NO: DE 4405864A

## BASIC-ABSTRACT:

Solid lubricant for high temp. screw, flanged and plug connections contains hexagonal BN powder and usual additives.

USE - BN powder with a purity of over 90% and specific surface area of 1-40 m<sup>2</sup>/g is used as solid lubricant, esp. for lubricating spark plugs, lambda probes or cylinder-head gaskets (all claimed).

ADVANTAGE - The lubricant prevents the connections jamming or seizing.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: SOLID LUBRICATE BASED HEXAGON BORON NITRIDE POWDER USEFUL HIGH TEMPERATURE SCREW FLANGE PLUG CONNECT SPARK PLUG LAMBDA PROBE CYLINDER HEAD GASKET

DERWENT-CLASS: H07 L02 X22

CPI-CODES: H07-D; L02-H02B2;

EPI-CODES: X22-A01E1;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1893U

## SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1995-132257

Non-CPI Secondary Accession Numbers: N1995-222394

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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## Terms

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## Documents

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